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OAK

PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

MISSION 4027

20-25 APRIL 1966

PART I

[REDACTED]

MAY 1966

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MAY 1966

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OAK - PART I

MISSION 4027

PREFACE

THIS IS THE FIRST OF SEVERAL OAK REPORTS ON MISSION 4027 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. THE REMAINDER OF THE COMOR TARGETS COVERED ON THIS PHOTOGRAPHY WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. MISSILE ACTIVITY

FOURTEEN OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES AND THE TYURATAM MISSILE TEST CENTER ARE COVERED BY PHOTOGRAPHY. GLADKAYA, NOVOSIBIRSK, OLOVYANNAYA, PERM, PLESETSK, SVOBODNYI, UZHUR AND THE TYURATAM MISSILE TEST CENTER ARE COVERED BY CLEAR PHOTOGRAPHY. ALEYSK, DOMBAROVSKIY, IMENI GASTELLO, TATISHCHEVO, DROVYANAYA, ITATKA AND VERKHNYAYA SALDA ARE OBSERVED THROUGH SCATTERED-TO-HEAVY CLOUDS. THE REMAINING 11 COMPLEXES ARE EITHER CLOUD COVERED OR NOT COVERED. VERKHNYAYA SALDA, ITATKA, UZHUR AND TATISHCHEVO ARE REPORTED IN THIS OAK.

2. SA-2 MISSILE ACTIVITY, NORTH VIETNAM

OF THE 97 ACTIVE SAM SITES IN NORTH VIETNAM, 16 ARE COVERED BY THE MISSION. HOWEVER, DUE TO SCATTERED CLOUDS, ONLY 9 SITES ARE OBSERVED. OF THESE 9, ONLY 2 -- HANOI A11-2 (NO 9) AND THANH HOA A17-2 (NO 67) -- ARE OCCUPIED. NO NEW SAM SITES ARE IDENTIFIED.

3. KAMENSK-SHAKHTINSKIY RKT MOTOR TEST FAC

A NEW FEATURE OBSERVED IS A PROBABLE ROCKET MOTOR CARRIER ON A RAIL SPUR LEADING DIRECTLY INTO THE TUBE OF THE TEST CELL.

4. DOLON AIRFIELD

ORDER OF BATTLE INCLUDES 2 BEAR E, 22 BEAR B/C (21 LOADED WITH KANGAROO AIR-TO-SURFACE MISSILES), 15 BEAR A, 2 CAT/CUB, 1 CAB, AND 7 KANGAROO AIR-TO-SURFACE MISSILES.

5. SHEN-YANG AIRFRAME PLANT 112

FIRST PHOTOGRAPHIC EVIDENCE OF PROBABLE AIRCRAFT PRODUCTION IS SEEN. SIXTY-SEVEN FARMER, 1 PARTIALLY ASSEMBLED FARMER, 1 FISHBED, AND 1 PROBABLE MOOSE OBSERVED AT THIS AIRFIELD.

6. HSI-AN AIRCRAFT ENGINE PLANT WU-KUNG

IT APPEARS THAT THIS PLANT WILL FUNCTION AS AN AIRCRAFT ASSEMBLY AND MAJOR REPAIR FACILITY AS INDICATED BY THE VARIOUS TYPES OF AIRCRAFT PRESENT ON THE FLY-AWAY FIELD WHICH INCLUDE 12 BULL,

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3 BEAGLE, 22 FARMER, 1 FAGOT/FRESCO, 2 COOT (ONE IN FLIGHT), 1 COLT, 1 CREEK, 1 SMALL STRAIGHT-WING, AND 6 POSSIBLE HELICOPTER FUSELAGES.

7. LVOV/SKNILOV AIRFIELD

TWENTY SIX FISHBED, 269 FAGOT/FRESCO, 2 CAT/CUB, 2 COKE, 3 CRATE, 3 CAB, 13 COLT, 1 CREEK, 5 HOUND, 1 HARE, 6 SMALL STRAIGHT-WING, 30 POSSIBLE AIRCRAFT FUSELAGES, AND 78 FUSELAGE SHIPPING CRATES ARE OBSERVED.

8. BARNAUL AIRFIELD (AIRFIELD BONUS)

ORDER OF BATTLE INCLUDES 1 BULL/CART, 32 BEAGLE, 1 FRESCO, 5 FAGOT, 2 CAT/CUB, 1 CRATE, 2 CAB, 9 COLT, 2 HOUND, AND 1 HARE.

9. NIKOLAYEV SHIPYARD NOSENKO 444

THE 2 LARGE POSSIBLE HELICOPTER LANDING SHIPS ARE IN THE SAME POSITION AS ON

10. GORKIY/SORMOVO RADAR ASBLY & TEST AREA (ELECTRONICS BONUS)

THIS NEWLY IDENTIFIED AREA, SHIELDED FROM THE AIRFIELD BY A BOARD FENCE, CONTAINS 5 RADARS, 3 OF WHICH ARE BEING ASSEMBLED.

11. BORISOGLEBSK SENSITIVE OPERATIONS COMPLEX

TWO FRESCO ARE PARKED IN MOTOR POOL. THIS IS THE FIRST TIME AIRCRAFT HAVE BEEN OBSERVED AT THIS COMPLEX.

STATUS OF COMOR TARGET READOUT

92 COMOR TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

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Missiles

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MISSILES

VERKHNYAYA SALDA ICBM COMPLEX

UR 5802N 06024E

NO NEW LAUNCH SITES IDENTIFIED WITHIN LIMITS OF PHOTOGRAPHY.

VERKHNYAYA SALDA ICBM LCH AREA E (SITE 5) UR 5813N 06054E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E

NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTION OF SEARCH AREA COVERED BY PHOTOGRAPHY.

ITATKA ICBM COMPLEX

UR 5650N 08535E

NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE AREAS OF PHOTOGRAPHY.

ITATKA ICBM LAUNCH AREA B (SITE 2)

UR 5700N 08539E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

ITATKA ICBM LAUNCH AREA C (SITE 3)

UR 5654N 08539E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

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UZHUR ICBM COMPLEX

UR 5517N 08949E

NO NEW MISSILE ACTIVITY OBSERVED WITHIN LIMITS OF PHOTOGRAPHY.

UZHUR ICBM LAUNCH AREA F (SITE 6)

UR 5525N 08939E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

UZHUR ICBM LAUNCH AREA G (SITE 7)

UR 5523N 08927E

SITE IS IN LATE STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

UZHUR ICBM LAUNCH AREA H (SITE 8)

UR 5519N 08918E

IDENTIFICATION ONLY.

UZHUR ICBM LAUNCH AREA J (SITE 10)

UR 5520N 08908E

CONSTRUCTION AT THE SILO HAS PROGRESSED INTO THE LATE STAGE. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

UZHUR ICBM LAUNCH AREA K (SITE 11)

UR 5515N 08910E

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UZHUR ICBM LAUNCH AREA N (SITE 14)

UR 5524N 08915E

SITE IS NOW IN MID-STAGE OF CONSTRUCTION. A SILO LINER IS LOCATED ON THE RECTANGULAR EARTH MOUND NW OF THE SILO. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR NEW CONSTRUCTION OBSERVED.

KOZELSK ICBM COMPLEX

UR 5356N 03549E

NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTIONS OF SEARCH AREA COVERED BY THIS PHOTOGRAPHY.

TATISHCHEVO ICBM COMPLEX

UR 5140N 04534E

NO NEW LAUNCH SITES IDENTIFIED WITHIN LIMITS OF PHOTOGRAPHY. LAUNCH GROUPS F AND G ARE NOT COVERED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED AT LAUNCH SITE X1 (SITE 35).

TATISHCHEVO ICBM LAUNCH GROUP A

UR 5148N 04539E

LAUNCH SITE A6 (SITE 6) IS THE ONLY SITE COVERED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

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TATISHCHEVO ICBM LAUNCH GROUP B

UR 5136N 04530E

ALL SITES ARE COVERED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

TATISHCHEVO ICBM LAUNCH GROUP C

UR 5129N 04515E

LAUNCH SITES C1 (SITE 20), C2 (SITE 28), C3 (SITE 25),
C4 (SITE 27), AND C5 (SITE 26) ARE THE ONLY SITES
COVERED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

TATISHCHEVO ICBM COMPLEX SUPPORT FACILITY UR 5140N 04534E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

TATISHCHEVO ICBM RAIL-TO-ROAD TRANSFER PT UR 5141N 04532E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

ZNAMENSK MRBM LAUNCH SITE 2

UR 5435N 02108E

PROBABLE MISSILE ERECTORS OBSERVED ON 4 LAUNCH
POSITIONS.

NO MISSILES, NEW CONSTRUCTION, CHANGES IN FACILITIES,
OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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ORENBURG AIRFRAME PLANT 47

UR 5148N 05507E

ONLY WESTERN PORTION OF PLANT VISIBLE. CONSTRUCTION CONTINUES AT A SLOW RATE ON THE LARGE ASSEMBLY/MACHINE SHOP BUILDING. NO OTHER CHANGES OBSERVED.

NO MISSILES, MISSILE COMPONENTS, OR LARGE RAIL CARS OBSERVED. APPROXIMATELY 25 SHIPPING CRATES AND 2 BOXCARS VISIBLE.

OB -- 1 CAB.

KAMENSK-SHAKHTINSKIY RKT MOTOR TEST FAC

UR 4819N 04016E

NEW FEATURES OBSERVED WITHIN FACILITY INCLUDE A PROBABLE ROCKET MOTOR CARRIER ON A RAIL SPUR LEADING DIRECTLY INTO THE TUBE OF THE TEST CELL AND A STRUCTURE ADJACENT TO THE REVETTED BUILDING DIRECTLY BEHIND THE TEST CELL.

A PREVIOUSLY OBSERVED BUILDING, APPROXIMATELY 300 FT NE OF THE TEST CELL, CAN NOW BE IDENTIFIED AS A SUSPECT SMALL MOTOR TEST CELL. ALTHOUGH THE BUILDING LACKS AN EARTH BLAST DEFLECTOR AND THE CHARACTERISTIC TUBE, IT DOES HAVE AN AIR INTAKE SYSTEM AND THE GENERAL MASSIVE CONSTRUCTION SIMILAR TO THE REGULAR TEST CELL. A RAIL SPUR LEADS FROM THE SW OR FRONT END OF THE SUSPECT CELL AND TIES DIRECTLY INTO THE SPUR SERVING THE MAIN CELL. STEAM LINES AND RAIL LINES TO MOST OF THE BUILDINGS CAN NOW BE SEEN.

(SEE ATTACHMENT)

NEMOURS SUSPECT SSM SEARCH

AG 3506N 00151W

ONLY CENTRAL 15 PERCENT OF SEARCH AREA IS COVERED. NO SAM OR SSM ACTIVITY OF KNOWN CONFIGURATION OBSERVED.

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HANOI SAM SEARCH

VN 2102N 10551E

APPROXIMATELY 15 PERCENT OF THE NE QUADRANT OF THE 60-NM SEARCH AREA IS COVERED BY 50 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM ACTIVITY IS IDENTIFIED IN THE CLOUD-FREE AREAS.

LAO CAI SAM SEARCH

VN 2229N 10359E

ONLY THE 15- BY 30-NM SECTION OF CENTER PORTION OF THE SEARCH AREA IS COVERED, OF WHICH APPROXIMATELY 15 TO 20 PERCENT IS CLOUD COVERED. NO SAM ACTIVITY OBSERVED.

ALGIERS SUSPECT SAM DEFENSE AREA

AG 3647N 00303E

EIGHTY-FIVE PERCENT OF SEARCH AREA COVERED. NO SAM SITES OR RELATED ACTIVITY OBSERVED.

CHAN-CHIANG POSSIBLE SAM SITE

CH 2123N 11011E

ONE UNREVETTED, UNOCCUPIED POSITION VISIBLE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED IN CLOUD-FREE AREAS.

ASWAN SAM SITE B33-2

EG 2415N 03246E

APPROXIMATELY 10 PERCENT OF SEARCH AREA AROUND ASWAN DAM IS COVERED.

NO SAM SITES OR RELATED ACTIVITY OBSERVED IN SEARCH AREA. HOWEVER, ASWAN SAM SITE B15-2 IS COVERED. ALL LAUNCH POSITIONS AND THE CENTRAL GUIDANCE AREA ARE OCCUPIED.

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PARPA SAM SEARCH

ID 0119N 12050E

EIGHTY-FIVE PERCENT OF THE SEARCH AREA IS COVERED, OF WHICH 90 PERCENT IS CLOUD COVERED. NO SAM SITES OR RELATED ACTIVITY OBSERVED.

BATUMI SAM SITE A24-2

UR 4136N 04135E

SIX POSITIONS ARE OCCUPIED BY LAUNCHERS, AND 5 OF THE 6 CONTAIN MISSILES.

DALNYAYA SAM SITE A36-2

UR 4555N 14204E

SITE IS OCCUPIED BY 6 MISSILES ON LAUNCHERS. CENTRAL GUIDANCE AREA IS OCCUPIED.

HANOI SAM SITE A10-2

VN 2101N 10558E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED HOLD POSITIONS, ALL UNOCCUPIED.

HANOI SAM SITE A19-2

VN 2055N 10550E

SITE CONTAINS 2 REVETTED, UNOCCUPIED LAUNCH POSITIONS.

HANOI SAM SITE B21-2

VN 2051N 10545E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED HOLD POSITIONS, ALL UNOCCUPIED.

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HANOI SAM SITE A11-2

VN 2100N 10555E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS (5 OCCUPIED),
A REVETTED AND OCCUPIED CENTRAL GUIDANCE AREA, AND 3
REVETTED HOLD POSITIONS (2 OCCUPIED),

HANOI SAM SITE C07-2

VN 2116N 10619E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A
REVETTED CENTRAL GUIDANCE AREA, ALL UNOCCUPIED.

THANH HOA SAM SITE A04-2

VN 1955N 10551E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED
CENTRAL GUIDANCE AREA, AND 2 REVETTED HOLD POSITIONS,
ALL UNOCCUPIED.

THANH HOA SAM SITE A17-2

VN 1945N 10547E

SITE CONTAINS 4 REVETTED LAUNCH POSITIONS AND A
REVETTED CENTRAL GUIDANCE AREA, ALL OCCUPIED.

THANH HOA SAM SITE A19-2

VN 1941N 10546E

SITE CONTAINS 4 REVETTED LAUNCH POSITIONS AND A
REVETTED CENTRAL GUIDANCE AREA, ALL UNOCCUPIED.

HANOI SAM SITE A17A-2

VN 2052N 10554E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED
CENTRAL GUIDANCE AREA, AND 1 REVETTED HOLD POSITION,
ALL UNOCCUPIED.

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**Air
Facilities**

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AIR FACILITIES

DOLON AIRFIELD

UR 5032N 07912E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

OB -- 2 BEAR E, 22 BEAR B/C (21 LOADED WITH KANGAROO
AIR-TO-SURFACE MISSILES), 15 BEAR A, 2 CAT/CUB, 1 CAB,
AND 7 KANGAROO AIR-TO-SURFACE MISSILES (ON MAIN APRON).

(SEE ATTACHMENT)

BARANOVICHI AIRFIELD

UR 5306N 02603E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY
UNREPORTED FEATURES, PRESENCE OF ASM STORAGE, OR
CHANGES TO

OB -- 26 BLINDER, 8 BADGER, 1 BEAGLE, 16 FISHPOT, 6
FITTER, 4 FIREBAR-TYPE, 14 FRESCO, 2 FAGOT, AND 1
CAMEL.

(SEE ATTACHMENT)

ZHITOMIR/SKOMOROKHI AIRFIELD

UR 5010N 02844E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY
UNREPORTED FEATURES, OR ASM STORAGE OBSERVED.

OB -- 1 BLINDER, 31 BADGER, 27 FISHPOT, 10
FAGOT/FRESCO, 1 COOKPOT, 1 COLT, AND 1 CREEK.

(SEE ATTACHMENT)

NEZHIN AIRFIELD

UR 5105N 03152E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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OB -- 15 BLINDER AND 10 BADGER.

(SEE ATTACHMENT)

GOMEL/PRIBYTKI AIRFIELD

UR 5218N 03110E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY UNREPORTED FEATURES, OR ASM STORAGE OBSERVED.

OB -- 28 BLINDER, 14 BADGER, AND 1 COOKPOT.

(SEE ATTACHMENT)

SHEN-YANG AIRFRAME PLANT 112

CH 4152N 12325E

NO APPARENT CHANGES IN FACILITIES, [REDACTED] OF THE GAS DYNAMICS FACILITY. THE PLANT IS PROBABLY IN PRODUCTION AS INDICATED BY THE LARGE INCREASE IN NUMBER OF AIRCRAFT, THE INCREASE IN NUMBER AND SIZE OF ROOF STAINS ON PRODUCTION BUILDINGS, A SPRAY POND IN OPERATION, AND THE LARGE AMOUNT OF MATERIALS AT THE SHIPPING AND RECEIVING BUILDINGS AND THROUGHOUT THE PLANT AREA. AT LEAST 20 VEHICLES OBSERVED IN THE PLANT AREA. FOUR RAILROAD TANK CARS ARE OFFLOADING AT THE POL STORAGE AREA. NO AIRCRAFT CRATES OBSERVED IN THE PLANT AREA.

OB -- 67 FARMER, 1 PARTIALLY ASSEMBLED FARMER, 1 FISHBED, AND 1 PROBABLE MOOSE.

(SEE ATTACHMENT)

PING-FANG-TIEN AIRFIELD

CH 4535N 12639E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES.

OB -- 7 BEAGLE, 21 HOUND, 1 PROBABLE BEAST, AND 1 PROBABLE COACH.

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WU-KUNG AIRFIELD

CH 3417N 10815E

OB -- 12 BULL, 3 BEAGLE, 22 FARMER, 1 FAGOT/FRESCO, 2 COOT (ONE IN FLIGHT), 1 COLT, 1 CREEK, 1 SMALL STRAIGHT-WING, AND 6 POSSIBLE HELICOPTER FUSELAGES.

(SEE ATTACHMENT)

HSI-AN AIRCRAFT ENGINE PLANT WU-KUNG

CH 3417N 10815E

NO APPARENT CHANGE IN FACILITIES. PLANT ACTIVITY IS MODERATE. TYPE OF PRODUCTION IS NOT DETERMINED. IT APPEARS THAT THIS PLANT WILL FUNCTION AS AN AIRCRAFT ASSEMBLY AND MAJOR REPAIR FACILITY AS INDICATED BY THE VARIOUS NUMBER OF AIRCRAFT PRESENT ON THE FLY-AWAY FIELD.

OB IS REPORTED UNDER

HO-TIEN AIRFIELD

CH 3702N 07952E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

OB -- NONE OBSERVED.

SAAMCHAM AIRFIELD

KN 3945N 12554E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

OB -- 2 FARMER, 30 FAGOT/FRESCO (3 WITH TAIL ASSEMBLY REMOVED), AND 1 MAX.

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BUREVESTNIK AIRFIELD

UR 4454N 14738E

IDENTIFICATION ONLY.

LVOV/SKNILOV AIRFIELD

UR 4949N 02356E

NO ELECTRONICS OR COMMO FACILITIES OBSERVED.

OB -- 26 FISHBED, 269 FAGOT/FRESCO, 2 CAT/CUB, 2 COKE, 3 CRATE, 3 CAB, 13 COLT, 1 CREEK, 5 HOUND, 1 HARE, 6 SMALL STRAIGHT-WING, 30 POSSIBLE AIRCRAFT FUSELAGES, AND 78 FUSELAGE SHIPPING CRATES.

THE FISHBED AND FAGOT/FRESCO ARE LOCATED ON THE WEST SIDE OF THE FIELD WHERE THE CRATING OF AIRCRAFT IS POSSIBLY TAKING PLACE.

(SEE ATTACHMENT)

CAPRIVI STRIP AIRFIELD

UA 1738S 02414E

NO APPARENT CHANGE IN CONSTRUCTION STATUS SINCE MISSION

OB -- NONE OBSERVED.

SARGODHA AIRFIELD

PK 3204N 07241E

IDENTIFICATION ONLY.

BARNAUL AIRFIELD

UR 5320N 08341E

OB -- 1 BULL/CART, 32 BEAGLE, 1 FRESCO, 5 FAGOT, 2 CAT/CUB, 1 CRATE, 2 CAB, 9 COLT, 2 HOUND, AND 1 HARE.

Nuclear Energy

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**Naval
Activity/
Ports**

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NAVAL ACTIVITY/PORTS

SHAN-TOU NAVAL BASE

CH 2321N 11640E

NO APPARENT CHANGE IN FACILITIES. NO EVIDENCE OF STOCKPILING OR BUILDUP.

OB -- 1 PROBABLE NEW-CLASS PC AND 6 SHANGHAI-CLASS PTF (1 IN GRAVING DOCK IN BOAT YARD).

SHAN-TOU MOTOR TORPEDO BOAT BASE

CH 2312N 11637E

NO APPARENT CHANGE IN FACILITIES. NO EVIDENCE OF STOCKPILING OR BUILDUP.

OB -- 1 KRONSTADT-CLASS PC (ANCHORED OFFSHORE) AND 10 P-4-CLASS PT (5 ON WAYS).

NIKOLAYEV SHIPYARD NOSENKO 444

UR 4657N 03159E

NO APPARENT CHANGE IN FACILITIES.

OB -- THE 2 LARGE POSSIBLE HELICOPTER LANDING SHIPS ARE IN THE SAME POSITION AS ON [REDACTED] THE VESSEL ON THE BUILDING WAY HAS 2 RECTANGULAR STRUCTURES FORWARD MEASURING 25 FT X 25 FT AND 30 FT X 40 FT. THIS AREA IS OBSCURED ON THE VESSEL IN THE FITTING OUT BASIN. A CIRCULAR OBJECT [REDACTED] IS LOCATED ON TOP OF THE SUPERSTRUCTURE AND MAY BE A STACK OR A MOUNT FOR A RADOME. THE AFT 280 FEET OF THE VESSEL REMAINS FREE OF OBSTRUCTION. AN AREA NEAR THE STERN MEASURING 45 FT X 90 FT MAY BE AN ELEVATOR. OVERALL DIMENSIONS ARE 620 FT X 110 FT.

OTHER VESSELS -- 1 UGRA-CLASS AS, 1 LAMA-CLASS AEM, 3 MAYAKOVSKIY-CLASS FISH FACTORY SHIPS, 2 PEREKOP/POLTAVA-CLASS MERCHANT SHIPS (1 ON BUILDING WAYS), 1 SMALL MERCHANT SHIP, 2 UNIDENTIFIED VESSELS ON THE BUILDING WAYS, AND 1 FLOATING DOCK.

(SEE ATTACHMENT)

**Biological/
Chemical
Warfare**

25X1

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**Electronics/
Communications**

MISSION 4027 20-25 APRIL 1966

ELECTRONICS/COMMUNICATIONS

ARKHANGELSK HF COMMUNICATIONS FACILITY UR 6415N 04037E

FIVE PERCENT OF SOUTHERN PORTION OF SEARCH AREA IS COVERED. NO ADDITIONAL COMMUNICATIONS FACILITIES CAN BE IDENTIFIED.

AMBOINA IS SUSP SPACE TRACK FAC ID 0340S 12810E

APPROXIMATELY CENTRAL 90 PERCENT OF SEARCH AREA COVERED, OF WHICH 50 PERCENT IS CLOUD COVERED. NO SPACE TRACKING FACILITY OBSERVED.

RUSTAVI HF SPHERICAL CURTAIN ANTENNA UR 4126N 04509E

FACILITY CONTAINS 2 SPHERICAL/CIRCULAR ARRAYS (EACH SUPPORTED BY 9 TOWERS), 2 RAIL-MOUNTED, MOVABLE FEED TOWERS, AND 1 CENTRAL CONTROL BUILDING, ALL LOCATED WITHIN A PENTAGONAL SECURITY FENCE. THE FACILITY USES THE SAME SUPPORT FACILITY AS THE RUSTAVI KRUG FACILITY.

A V-SHAPED EXTENSION HAS BEEN ADDED TO THE SW SECTION OF THE PENTAGONAL SECURITY FENCE. AN UNIDENTIFIED STRUCTURE HAS BEEN ADDED TO EACH END TOWER OF BOTH OF THE SPHERICAL/CIRCULAR ARRAYS. THERE IS ALSO A CIRCULAR PATTERN AT THE BASE OF EACH TOWER.

NIKULINO TALL KING FACILITY SEARCH UR 6022N 08947E

APPROXIMATELY CENTER 10 PERCENT OF SEARCH AREA COVERED ON

APPROXIMATELY 5 PERCENT OF CENTER PORTION OF SEARCH AREA COVERED ON

NO TALL KING FACILITY OBSERVED.

MISSION 4027 20-25 APRIL 1966

ORLOVKA TALL KING FACILITY SEARCH

UR 4300N 06950E

APPROXIMATELY 15 PERCENT OF SOUTHERN PORTION OF SEARCH AREA IS COVERED. NO TALL KING FACILITY OBSERVED.

GORKIY/SORMOVO RADAR ASBLY & TEST AREA

UR 5619N 04347E

BONUS 1

6 NM WSW OF THE CENTER OF GORKIY ON NORTH SIDE AND WEST END OF GORKIY/SORMOVO AIRFIELD.

THE AREA, SHIELDED FROM THE AIRFIELD BY A BOARD FENCE, CONTAINS 5 RADARS IN A LINE, 3 OF WHICH ARE BEING ASSEMBLED. THERE IS A LARGE GANTRY CRANE AT ONE END OF THE ASSEMBLY LINE. THIS IS THE TRACKING/GUIDANCE TYPE RADAR PREVIOUSLY SEEN AT LENINGRAD NW, TALLINN, CHEREPOVETS, AND SARY-SHAGAN PROBABLE LONG-RANGE SAM LAUNCH COMPLEXES.

OTHER COMPONENTS IN THE YARD INCLUDE A RADAR CALIBRATION TOWER AND 3 SUPPORT BUILDINGS. OTHER RADAR COMPONENTS, NOT YET IDENTIFIED BY TYPE, ARE LOCATED IN THE ASSEMBLY YARD.

**Military
Activity**

MISSION 4027 20-25 APRIL 1966

MILITARY ACTIVITY

CHE-TIEN BARRACKS AND SUPPLY DEPOT SOUTH CH 2621N 11249E

APPROXIMATELY 95 PERCENT OF INSTALLATION COVERED. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, FEATURES PREVIOUSLY UNREPORTED, VEHICLES, WEAPONS, PIECES OF EQUIPMENT, OR INDICATIONS OF TROOP OR SUPPLY BUILDUP OR DEFENSES OBSERVED.

LEI-PEI MILITARY AREAS

CH 2122N 11016E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, FEATURES PREVIOUSLY UNREPORTED FEATURES, VEHICLES, WEAPONS OR EQUIPMENT, OR INDICATIONS OF TROOP OR SUPPLY BUILDUP OBSERVED.

OB -- 6 UNIDENTIFIED VEHICLES.

KUN-MING GENERAL SUPPLY DEPOT

CH 2501N 10244E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY UNREPORTED FEATURES, OR EVIDENCE OF CHANGE IN LEVEL OF ACTIVITY OBSERVED.

OB -- FOUR 6-GUN OCCUPIED AAA SITES, 20 PROBABLE CARGO TRUCKS, 6 PRIME MOVERS, AND 15 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.

LEI-YANG ARMY BARRACKS WEST-SOUTHWEST

CH 2624N 11250E

APPROXIMATELY 95 PERCENT OF INSTALLATION IS COVERED. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, FEATURES PREVIOUSLY UNREPORTED, VEHICLES, WEAPONS, PIECES OF EQUIPMENT, OR INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

TOP SECRET

MISSION 4027 20-25 APRIL 1966

LU-HSI ARMY BARRACKS SOUTH

CH 2424N 09833E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY UNREPORTED FEATURES, VEHICLES, WEAPONS, PIECES OF EQUIPMENT, OR INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

PU-ERH MILITARY BARRACKS

CH 2305N 10103E

IMMEDIATELY NORTH OF PU-ERH. AREA CONTAINS 8 BARRACKS-TYPE, 4 L-SHAPED, 1 MULTISTORY ADMINISTRATION, 1 MESSHALL, AND APPROXIMATELY 10 SUPPORT BUILDINGS, AND A MOTOR POOL WITH 2 VEHICLE SHEDS. TWO TRUCKS OBSERVED IN AREA.

ONE LARGE AND 3 SMALL VEHICLE PARKS AND AN OPEN STORAGE AREA (ALL POSSIBLY ASSOCIATED WITH THE MILITARY) ARE LOCATED APPROXIMATELY 1.5 NM NNE OF PU-ERH AND CONTAIN 5 BARRACKS, 21 MAJOR VEHICLE SHEDS/STORAGE BUILDINGS, AND SEVERAL SMALL SUPPORT BUILDINGS. NUMEROUS PILES OF MATERIAL IN OPEN STORAGE ARE OBSERVED IN THE AREA. A DRIVER TRAINING AREA IS VISIBLE JUST WEST.

OB -- 65 CARGO TRUCKS.

SHAN-TOU ARMY BARRACKS LIEN-TANG

CH 2327N 11635E

ONLY EASTERN 40 PERCENT OF AREA COVERED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, FEATURES PREVIOUSLY UNREPORTED, VEHICLES, WEAPONS OR EQUIPMENT, OR TROOP OR SUPPLY BUILDUP OBSERVED.

SSU-MAO MILITARY COMPLEX

CH 2247N 10058E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, FEATURES PREVIOUSLY UNREPORTED, EVIDENCE OF TROOP BUILDUP, STOCKPILING OF MATERIALS, OR UNUSUAL ACTIVITY OBSERVED.

OB -- 23 CARGO TRUCKS (18 WITH VAN TRAILERS), 32

TOP SECRET

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POSSIBLE VAN TRUCKS, AND 35 UNIDENTIFIED
VEHICLES/PIECES OF EQUIPMENT.

YUNG-PING MILITARY AREA

CH 2529N 09932E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, FEATURES
PREVIOUSLY UNREPORTED, INDICATIONS OF TROOP OR SUPPLY
BUILDUP, OR TANKS OR ARTILLERY OBSERVED.

OB -- APPROXIMATELY 8 PROBABLE VEHICLES/PIECES OF
EQUIPMENT.

NING-CHING ARMY BARRACKS

TI 2941N 09833E

NO MILITARY ACTIVITY OBSERVED.

PU-LAN ARMY BARRACKS

TI 3015N 08110E

NO CHANGES IN FACILITIES, VEHICLES, OR EQUIPMENT
OBSERVED.

GROZNY BARRACKS RIVER SUNZHA

UR 4320N 04542E

INSTALLATION IS OCCUPIED. ALL PORTIONS APPEAR TO BE IN
USE. NO TANKS OBSERVED.

LAO-CHANG POSSIBLE MILITARY AREAS

CH 2244N 09945E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, PREVIOUSLY
UNREPORTED FEATURES, OR INDICATIONS OF MILITARY
ACTIVITY OBSERVED.

OB -- NO VEHICLES OR EQUIPMENT OBSERVED.

K1

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MISSION 4027 20-25 APRIL 1966

25X

25X

K1

25X

MALIR CANTONMENT AREA

PK 2456N 06712E

INSTALLATION HAS EXTENSIVE ROAD NET WITH RAIL
CONNECTIONS TO KARACHI PORT FACILITIES.

DB -- 107 CARGO/VAN TRUCKS AND 93 VEHICLES/PIECES OF
EQUIPMENT.

K1

Complexes

MISSION 4027 20-25 APRIL 1966

COMPLEXES

LIU-CHOU COMPLEX

CH 2418N 10924E

COMPLEX OBSERVED ON APPROXIMATELY 70 PERCENT
CLOUD-COVERED, NON-STEREO PHOTOGRAPHY. NO NEW OR
UNUSUAL FACILITIES OBSERVED.

AYAGUZ COMPLEX

UR 4756N 08023E

ENTIRE COMPLEX COVERED BY GOOD QUALITY, STEREO
PHOTOGRAPHY.

**Other
Activity**

MISSION 4027 20-25 APRIL 1966

OTHER ACTIVITY

CHAADAYEVKA SENSITIVE OPERATIONS COMPLEX UR 5307N 04602E

ONLY THE NEW BUNKER IN THE SOUTHERN AREA IS VISIBLE AND
SHOWS NO APPARENT CHANGE.

BORISOGLEBSK SENSITIVE OPERATIONS COMPLEX UR 5125N 04157E

COMPLEX 90 PERCENT CLOUD COVERED. PART OF HOUSING
AREA, RAIL FACILITY, AND BUNKERS 1, 2, AND 3 VISIBLE.
TWO FRESCO ARE PARKED IN MOTOR POOL. THIS IS THE FIRST
TIME AIRCRAFT HAVE BEEN OBSERVED AT THIS COMPLEX.

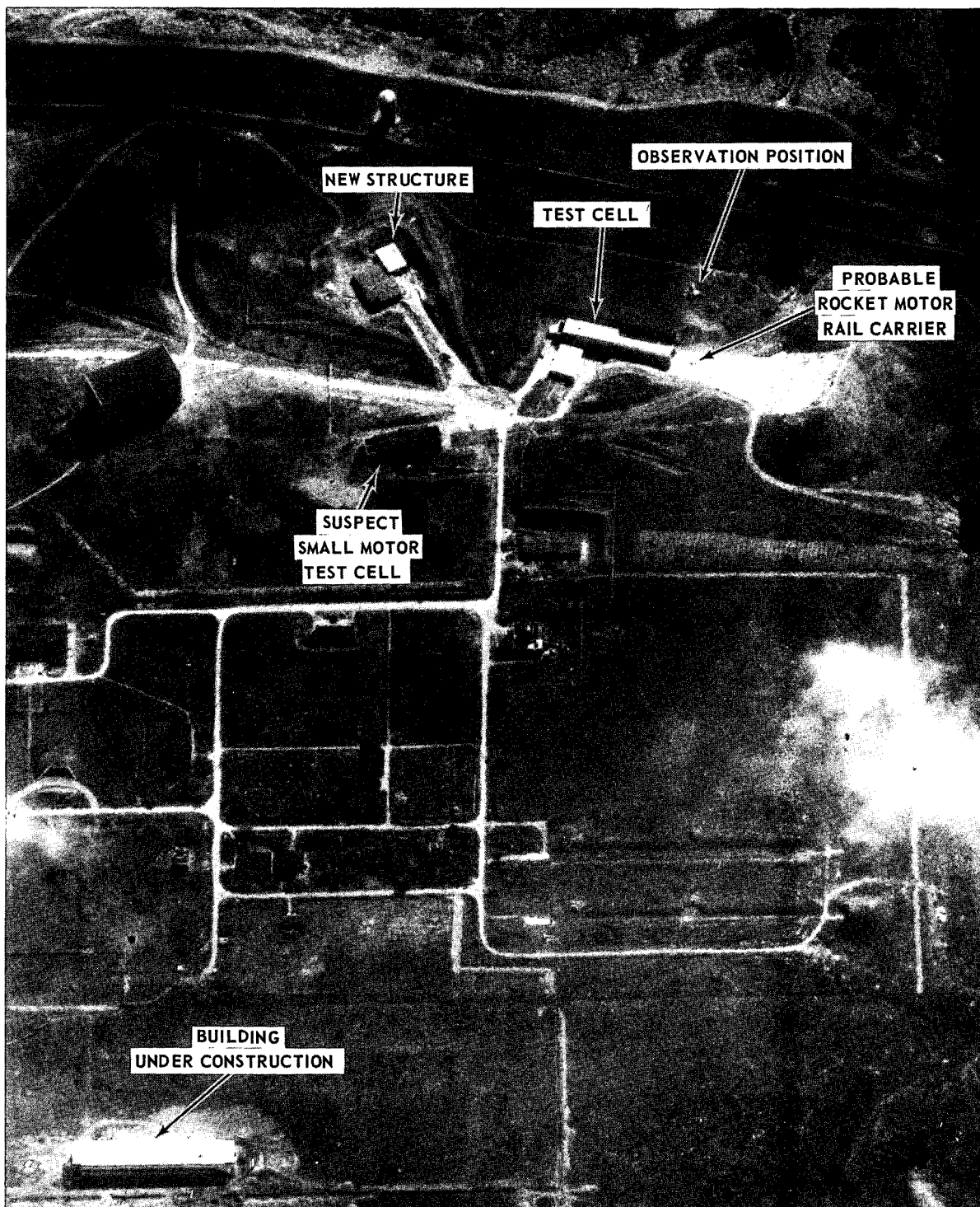
(SEE ATTACHMENT)

Attachments

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 1

25X



ROCKET MOTOR FACILITY, KAMENSK-SHAKHTINSKIY, USSR

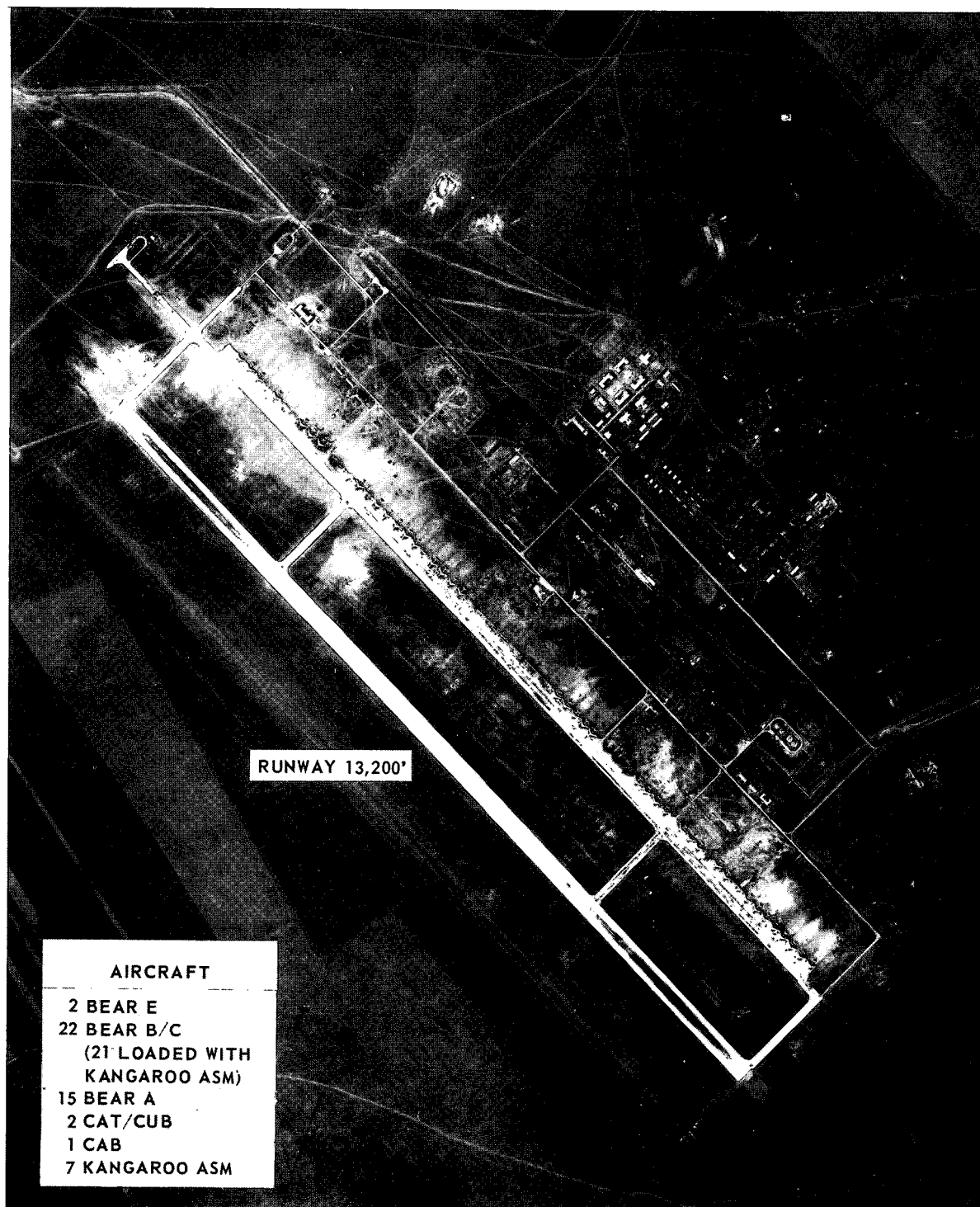
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25X

25X

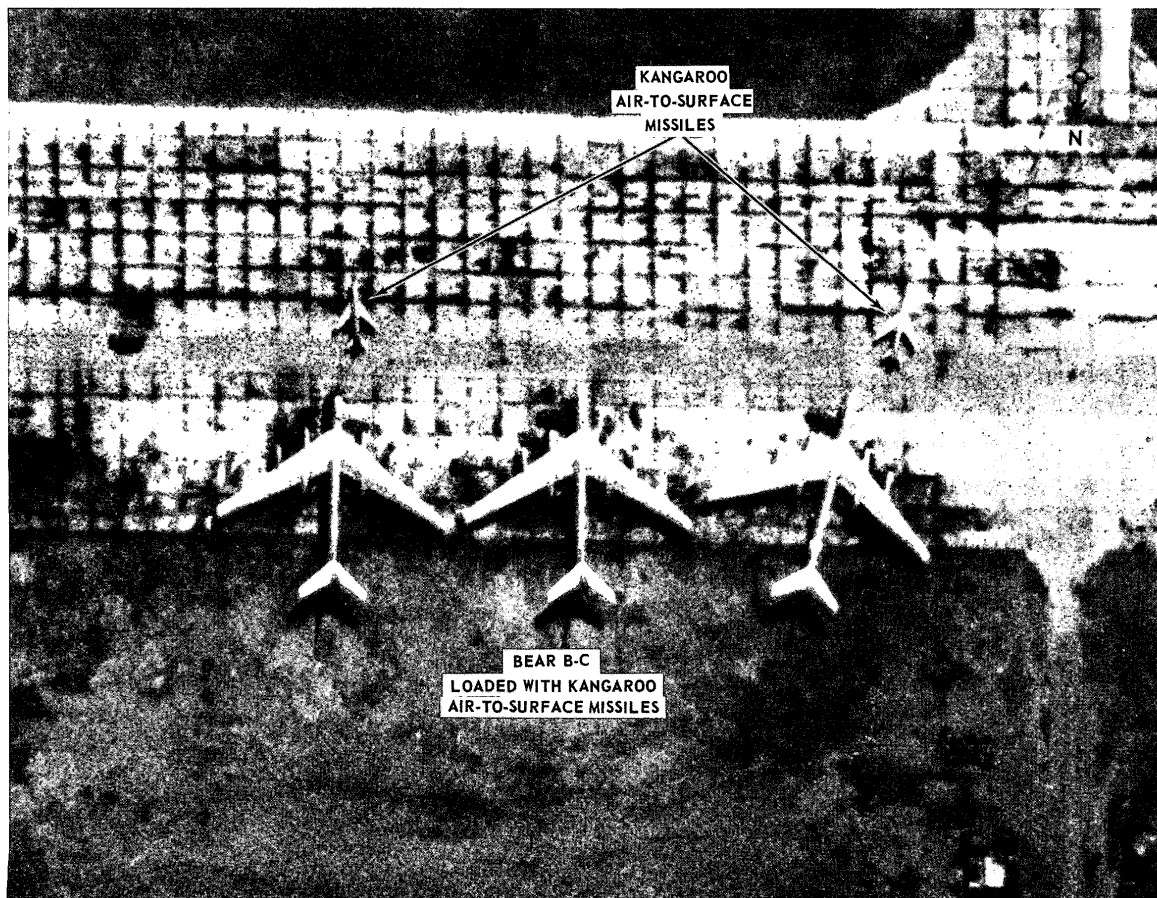
MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 2



DOLON AIRFIELD, USSR

NPIC K-8070 (4/66)



NPIC K-8071 (4/66)

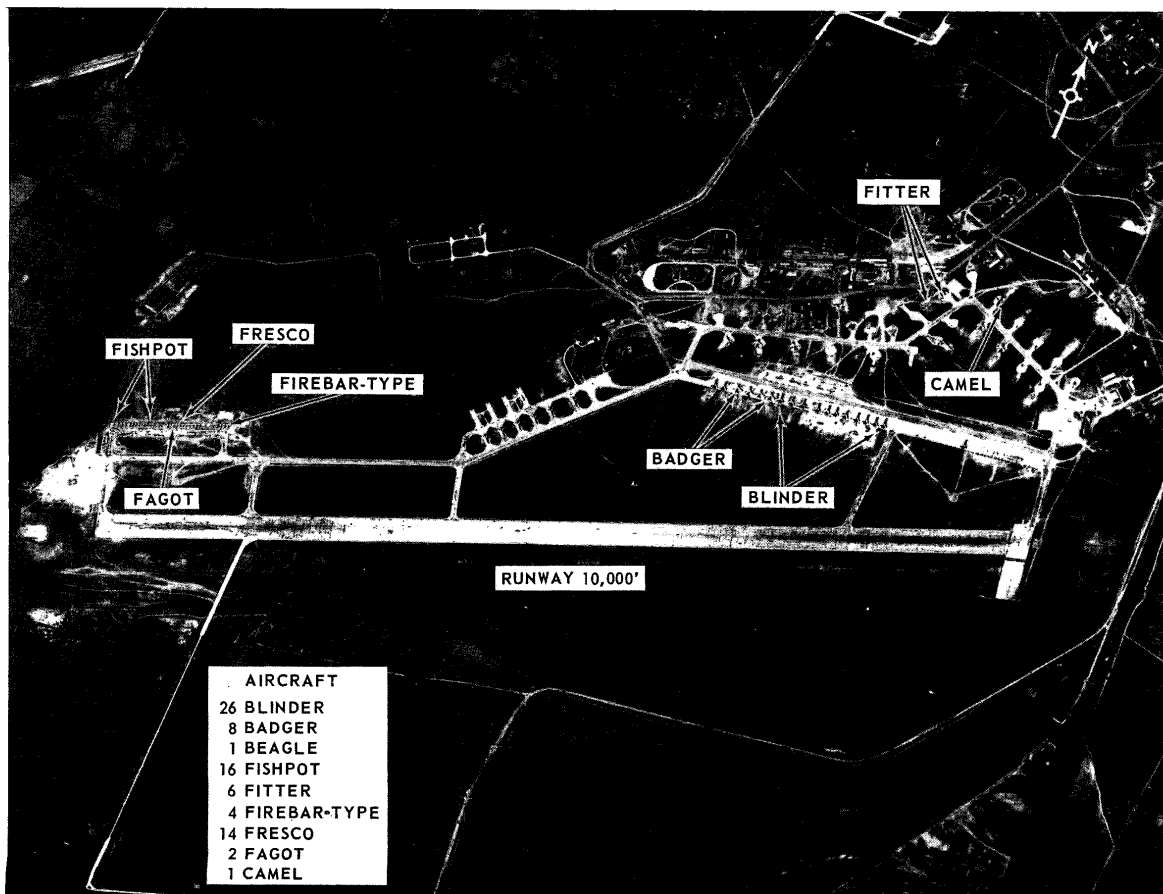
DOLON AIRFIELD, USSR

TOP SECRET

TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 3



BARANOVICHI AIRFIELD, USSR

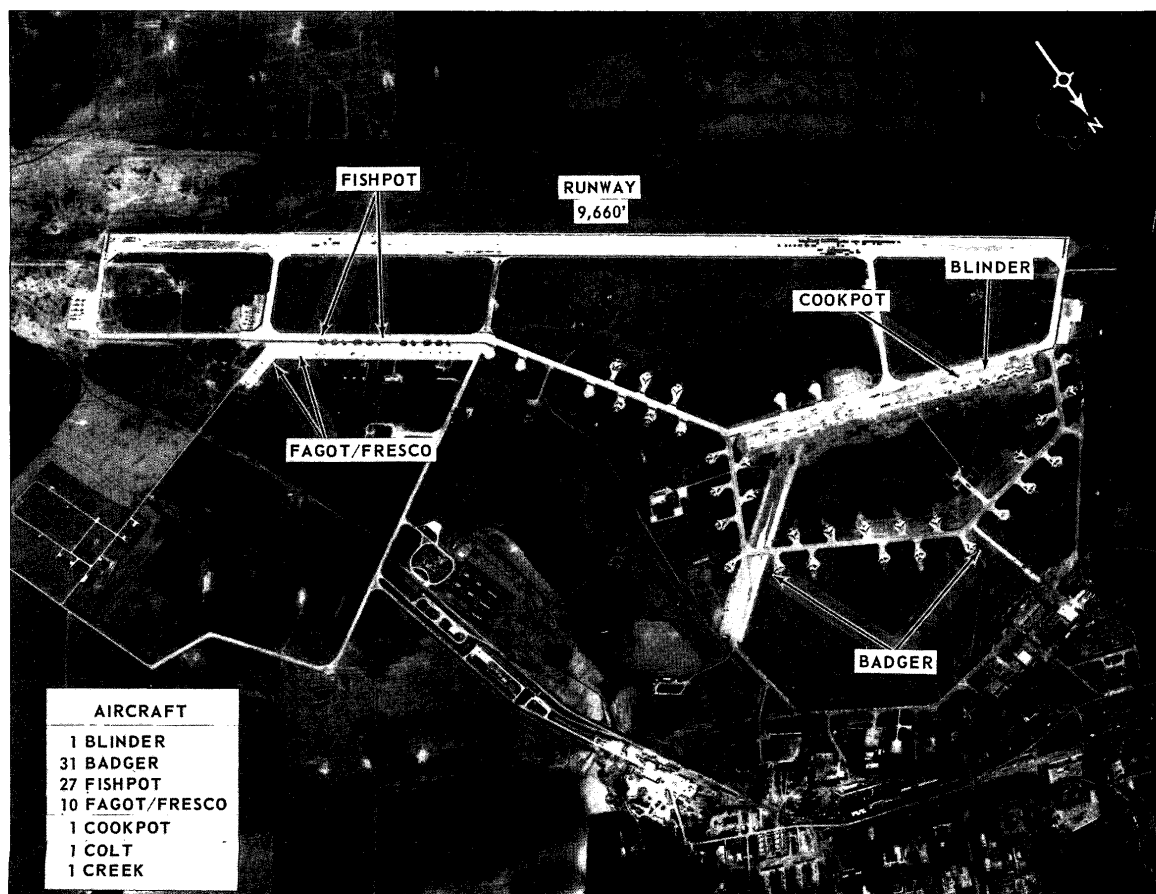
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MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 4

25X



ZHITOMIR/SKOMOROKHI AIRFIELD, USSR

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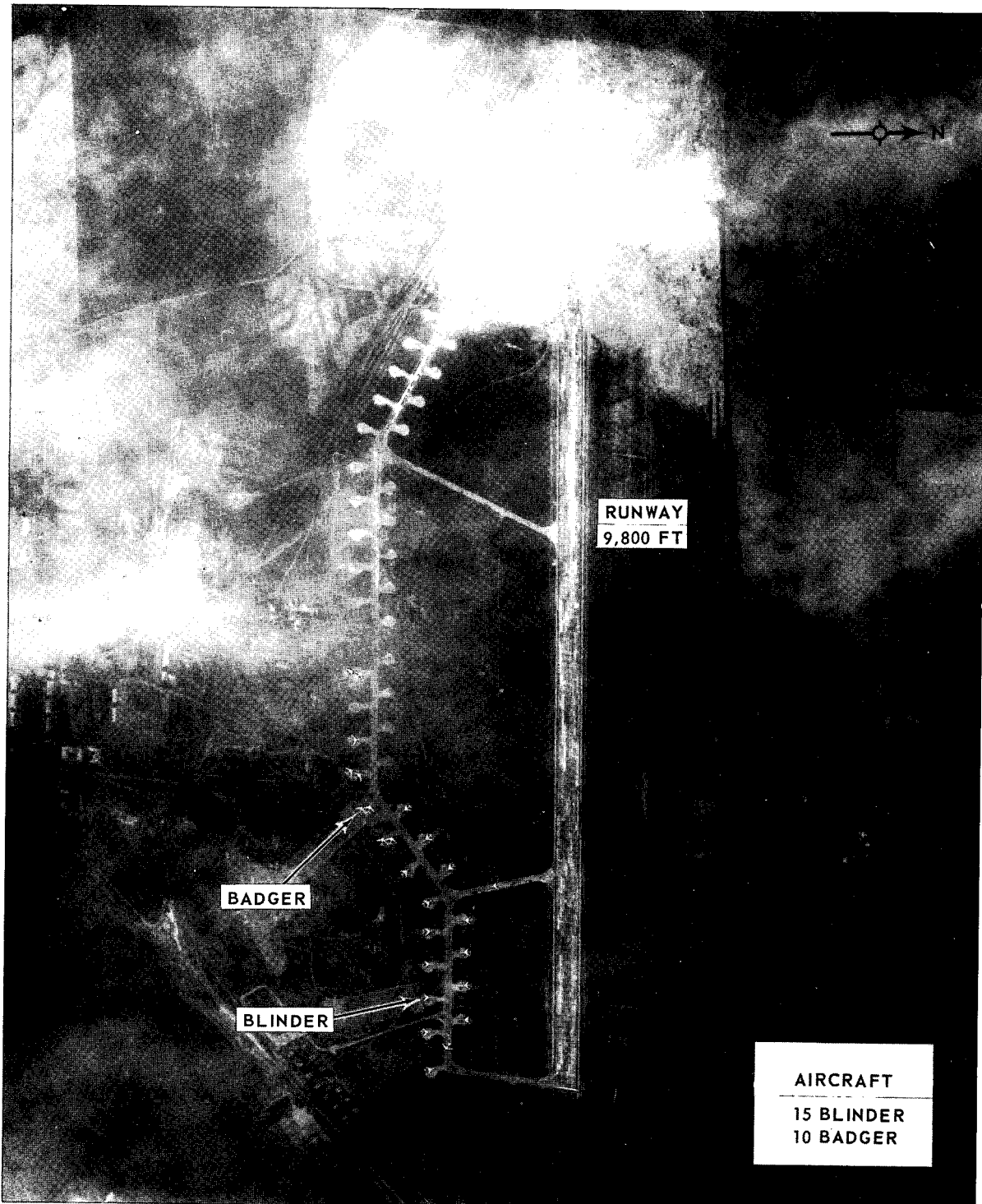
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MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 5

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 6



NEZHIN AIRFIELD, USSR

NPIC K-8074 (4/66)

TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 7

25X

RUNWAY
9,600'

AIRCRAFT

28 BLINDER
14 BADGER
1 COOKPOT

GOMEL/PRIBYTKI AIRFIELD, USSR

NPIC K-8075 (4/66)

TOP SECRET

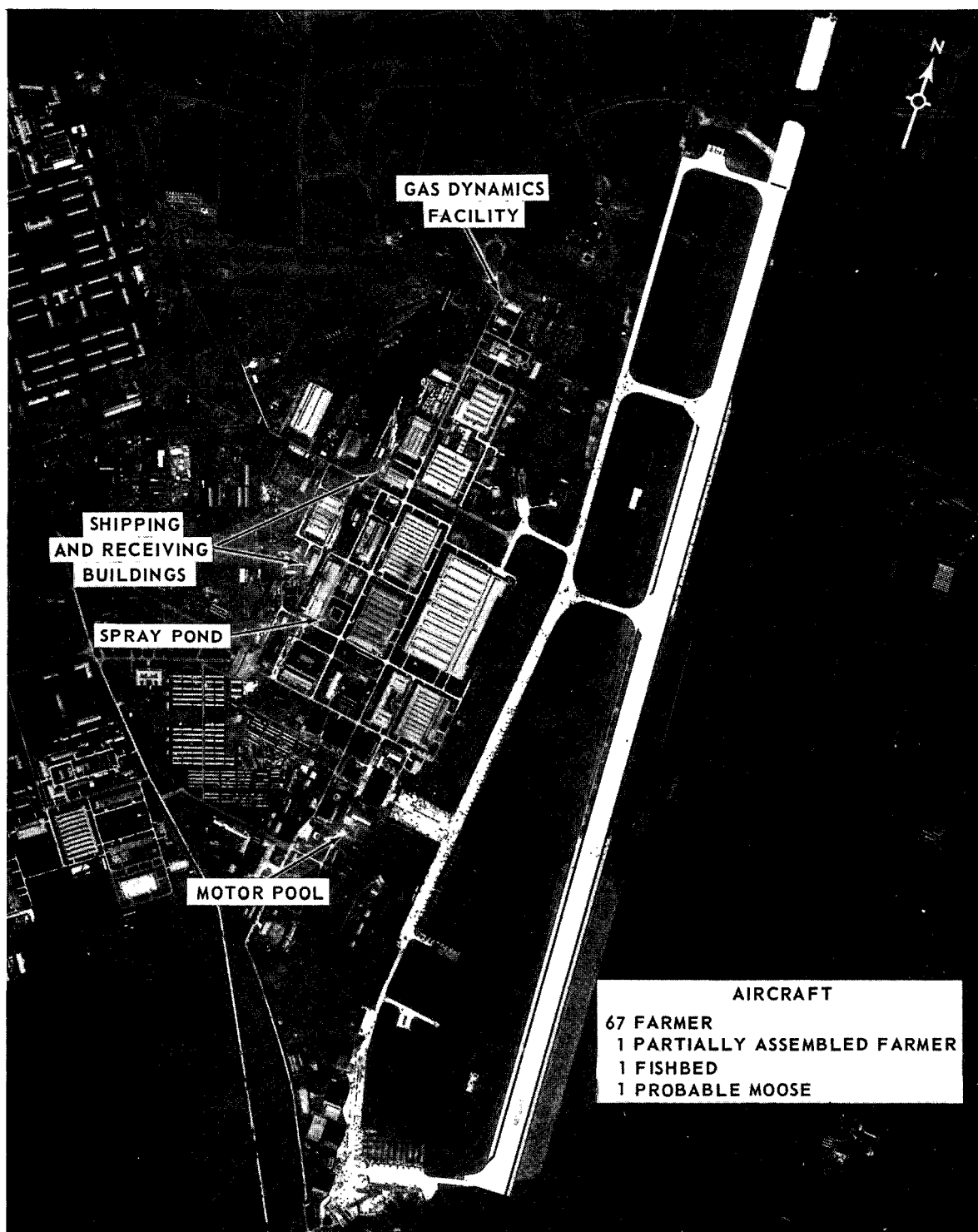
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MISSION 4027, 20-25 APRIL 1966

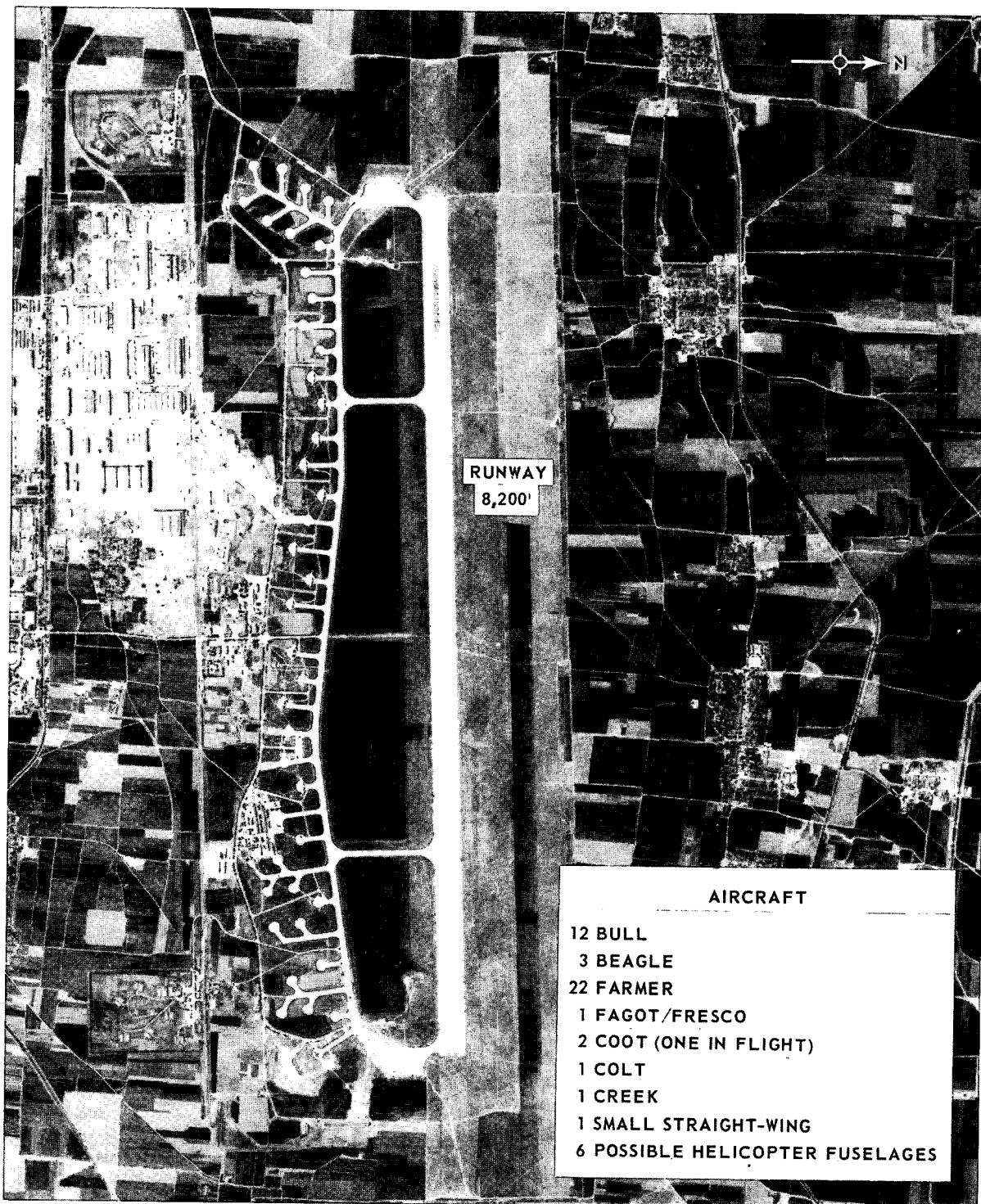
ATTACHMENT 8



NPIC K-7076 (4/66)

AIRFRAME PLANT 112, SHEN-YANG, CHINA

TOP SECRET



WU-KUNG AIRFIELD, CHINA

NPIC K-7077 (4/66)

25X2

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NPIC K-8082 (4/66)

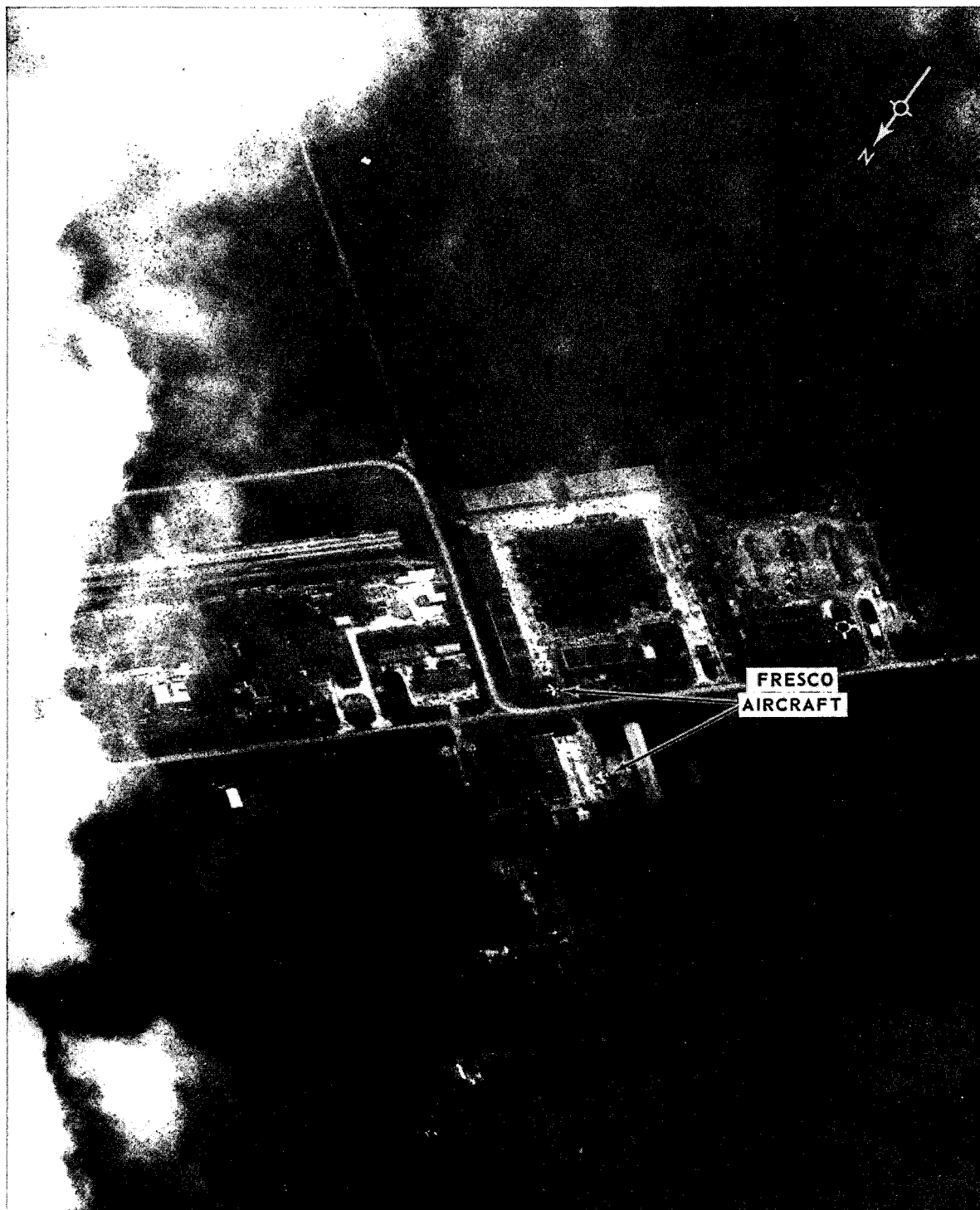
NIKOLAYEV SHIPYARD NOSENKO 444, USSR

TOP SECRET

TOP SECRET

MISSION 4027, 20-25 APRIL 1966

ATTACHMENT 14



SENSITIVE OPERATIONS COMPLEX, BORISOGLEBSK, USSR

NPIC K-8083 (4/66)

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